The listing of claims will replace all prior versions, and listings, of claims in the application:

ENTER

Listing of Claims:

comprising,

1. (currently amended) An electrochemical device component, comprising:

an active metal electrode <u>comprising lithium</u>, the electrode having a first surface and a second surface:

a protective composite separator on the first surface of the electrode, the composite SPIMARY EXAMINER

a first material layer comprising a composite reaction product of Li with Cu₃N in contact with the electrode, the first material being ionically conductive and chemically compatible with the <u>lithium</u> active metal, wherein the first material comprises a material selected from the group consisting of a composite reaction product of the active metal with a metal nitride, a composite reaction product of the active metal with silicon nitride, a composite reaction product of the active metal with a metal halide, a composite reaction product of the active metal with a reaction product of the active metal with a reaction product of the active metal with red phosphorus, and a reaction product of the active metal with LiPON coated with a wetting layer; and

a second material layer in contact with the first layer, the second material being substantially impervious, ionically conductive, reactive to the <u>lithium</u> active metal and chemically compatible with the first material;

wherein the ionic conductivity of the composite is at least 10⁻⁷ S/cm.

- 2. (original) The component of claim 1, further comprising a current collector on the second surface of the active metal electrode.
- 3. (previously presented) The component of claim 1, wherein the second material is comprised in an electrolyte in a battery cell.
- 4. (previously presented) The component of claim 3, wherein the second material is the sole electrolyte in the battery cell.
- 5. (original) The component of claim 1, wherein the ionic conductivity of the second material layer is at least 10⁻⁷ S/cm.
- 6. (original) The component of claim 1, wherein the ionic conductivity of the second material layer is between about 10⁻⁶ S/cm and 10⁻³ S/cm.

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- 7. (original) The component of claim 1, wherein the ionic conductivity of the second material layer is about 10⁻³ S/cm.
- 8. (original) The component of claim 1, wherein the thickness of the first material layer is about 0.1 to 5 microns.
- 9. (original) The component of claim 1, wherein the thickness of the first material layer is about 0.2 to 1 micron.
- 10. (original) The component of claim 1, wherein the thickness of the first material layer is about 0.25 micron.
- 11. (original) The component of claim 1, wherein the thickness of the second material layer is about 0.1 to 1000 microns.
- 12. (previously presented) The component of claim 1, wherein the ionic conductivity of the second material layer is at least 10⁻⁷ S/cm and the thickness of the second material layer is about 0.25 to 1 micron.
- 13. (original) The component of claim 1, wherein the ionic conductivity of the second material layer is between about 10⁻⁴ about 10⁻³ S/cm and the thickness of the second material layer is about 10 to 500 microns.
- 14. (original) The component of claim 13, wherein the thickness of the second material layer is about 10 to 100 microns.

15-16. (canceled)

17. (original) The component of claim 1, wherein the active metal of the electrode is lithium or a lithium alloy.

18-19. (canceled)

20. (previously presented) The component of claim 1, wherein the second layer comprises a material selected from the group consisting of phosphorus-based glass, oxide-based glass, sulfur-based glass, oxide/sulfide based glass, selenide based glass, gallium based glass, germanium based glass, glass-ceramic active metal ion conductors, sodium beta-alumina and lithium beta-alumina.

21-27. (canceled)

28. (original) The component of claim 1, wherein the second layer is an ion conductive glass-ceramic having the following composition:

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Composition	mol %
P ₂ O ₅	26-55%
SiO ₂	0-15%
$GeO_2 + TiO_2$	25-50%
in which GeO ₂	050%
TiO ₂	050%
ZrO ₂	0-10%
M ₂ O ₃	0 < 10%
Al ₂ O ₃	0-15%
Ga ₂ O ₃	0-15%
Li ₂ O	3-25%

and containing a predominant crystalline phase composed of $\text{Li}_{1+x}(M,Al,Ga)_x(\text{Ge }_{1-y}\text{Ti}_y)_{2-x}(PO_4)_3$ where $X \leq 0.8$ and $0 \leq Y \leq 1.0$, and where M is an element selected from the group consisting of Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm and Yb and/or and $\text{Li}_{1+x+y}Q_x\text{Ti}_{2-x}\text{Si}_yP_{3-y}\mathring{O}_{12}$ where $0 \leq X \leq 0.4$ and $0 \leq Y \leq 0.6$, and where Q is Al or Ga.

29-79. (canceled)